

PERMIT APPLICATION: NRS 04.162

APPLICANT: Crews Investment Properties
7990 Trinity Road – Suite 112
Cordova, Tennessee 38018

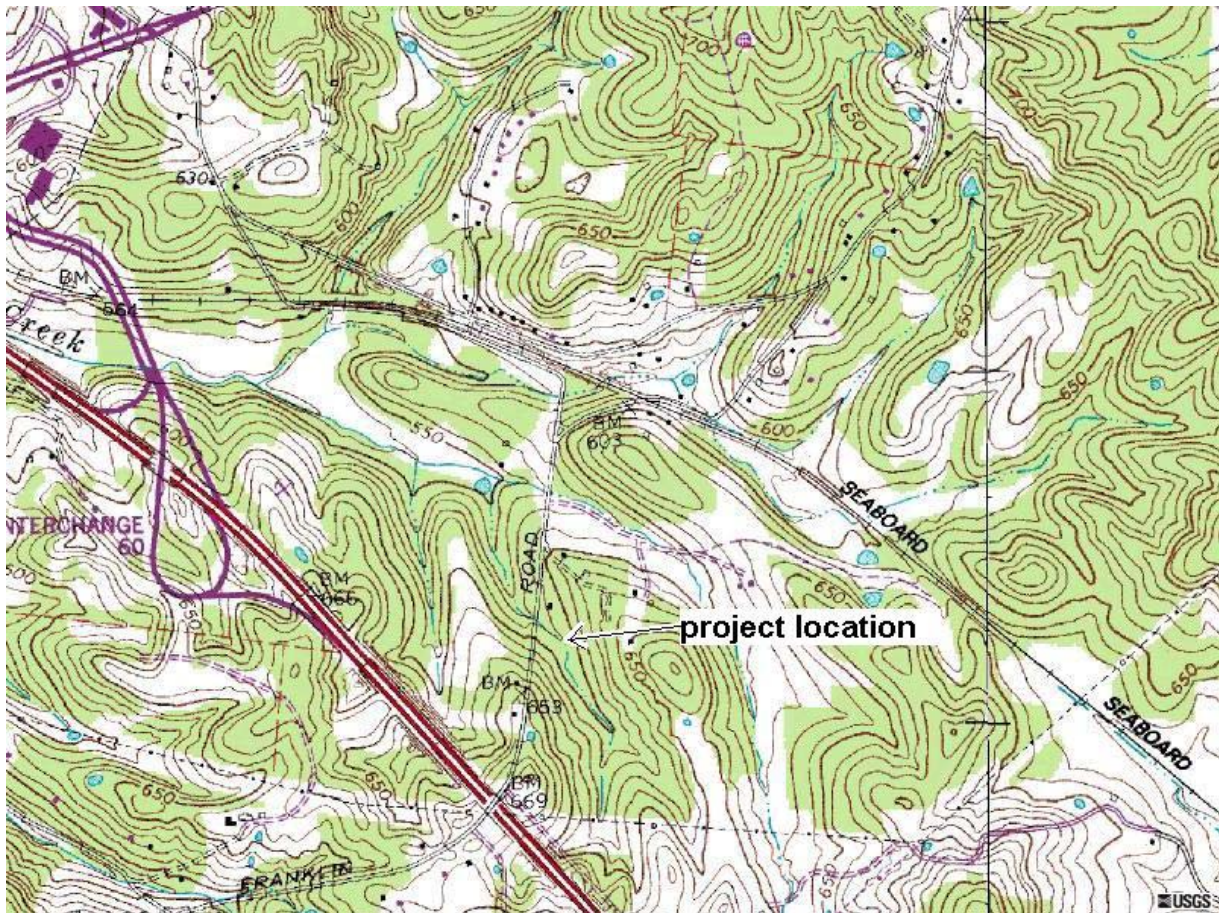
LOCATION: unnamed tributary to Collins Creek, Crossings Industrial Park, in Nashville,
Davidson County; latitude

WATERSHED DESCRIPTION: The Collins Creek watershed is generally characterized by commercial and high density property use. The tributary's watershed above the project area is undeveloped except for a portion of I-24 that runs through the upper watershed. The channel that is to be relocated is second order and disappears or sinks into the streambed at the downstream end of the affected channel segment. Other sinks appear to occur above the primary sink or karst swallet. The channel downstream of the sink location has been determined to be wet weather conveyance.

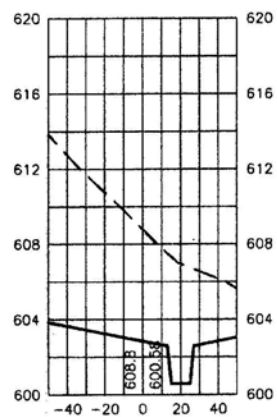
PROJECT DESCRIPTION: The proposed work involves the relocation of about 480 feet of stream channel. The existing stream channel would be filled to develop an industrial building pad. The new channel would divert from the existing channel and run along the base of the building pad ultimately draining to a culvert under the adjacent roadway. The applicant proposes to replace the natural sinuosity and geometry of the existing channel in the constructed channel. Indigenous trees and shrubs are to be planted along the riparian margins of the constructed channel. Plantings will extend a minimum of 10 feet from the channel bank on both sides of the channel and will include 2-inch caliper trees planted on approximate 20-foot centers. Planting will also include a variety of native shrubs and grasses.

PERMIT COORDINATOR: Robby Baker

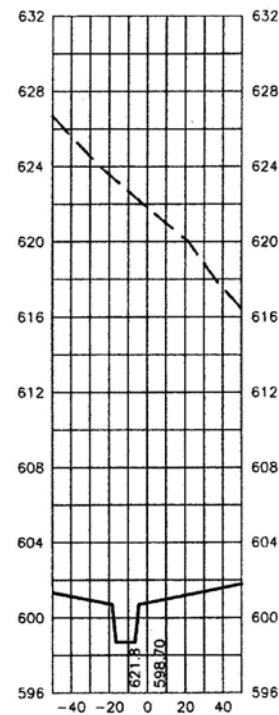
USGS TOPOGRAPHIC QUADRANGLE: Antioch Quad



STA: 0+70
PROPOSED CHANNEL



STA: 3+20
PROPOSED CHANNEL



TYPICAL PROPOSED RELOCATED CHANNEL

BDY BREEDLOVE, DENNIS, YOUNG
& ASSOCIATES, (TN) INC.

SCALE 1" = 50' HORIZONTAL
1" = 5' VERTICAL



**LITTLEJOHN
ENGINEERING
ASSOCIATES**

ENGINEERING, PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
100 TWENTY-NINE ELM STREET
NASHVILLE, TENNESSEE 37203
PHONE 615-259-1100/FAX 615-259-1101

CROSSINGS INDUSTRIAL PARK
TAX MAP 74, PARCELS 32 AND 68
NASHVILLE, DAVIDSON COUNTY, TENNESSEE

CREWS
INVESTMENT
PROPERTIES
7990 TRINITY ROAD
SUITE 112
CORDOVA, TN 38018



DATE	REVISION
08/07/04	222M

C4.0
TYPICAL
PROPOSED
RELOCATED
CHANNEL